International Journal of Computer Mathematics VOLUME 39

INDEX

Intern. J. Computer Math., Index to Vol. 39 pp. i-iii Reprints available directly from the publisher Photocopying permitted by license only

INDEX

SECTION A: Computer Systems

ANCONA, MASSIMO, BRUZZONE, ELISABETTA, and DE FLORIANI, LEILA, Using Structured Steiner Trees for Hierarchical Global Routing. 169

BRUZZONE, ELISABETTA—see ANCONA, MASSIMO

DE FLORIANI, LEILA-see ANCONA, MASSIMO

EVANS, D. J. and SANOSSIAN, H. Y., Back Propogation Architecture for Computing Visual Depth. 1

MILANI, MASOUD T., On the Descriptive Power of Simple Precedence Grammars. 29

OLARIU, S. and WEN, Z., Merging Heaps in Parallel. 61

ROKNE, J.—see YAO, C.

SANOSSIAN, H. Y.—see EVANS, D. J.

TAN, JIMMY, J. M., Stable Matchings and Stable Partitions. 11

TURAKAINEN, PAAVO, On Nonnegative Matrices Generating a Finite Multiplicative Monoid. 151

VAN ZANTEN, A. J., An Iterative Optimal Algorithm for the Generalized Tower of Hanoi Problem. 163

WALTER, COLIN, D., Fast Modular Multiplication using 2-Power Radix. 21

WEN, Z .- see OLARU, S.

YAO, C. and ROKNE, J., A Straightforward Algorithm for Computing the Medial Axis of a Simple Polygon. 51

SECTION B: Applications

ADZIC, NEVENKA—see VRCELJ, VESNA

CHAWLA, M. M. and Passi, K., A New Quadrant Interlocking Factorization for Parallel Solution of Tridiagonal Linear Systems. 99

Evans, D. J., The Solution of Poisson's Equation in a Triangular Region. 81

Evans, D. J., A New 4th Order Runge-Kutta Method for Initial Value Problems with Error Control. 213

Evans, D. J. and Li, C., The Recursive Tri-Reduction Method for Tridiagonal Linear Systems. 235

HARMAN, C. J., Exact Numerical Schemes and the Three Means. 141

HOFFMANN, KARL, HEINZ and SALAMON, PETER, Simulated Annealing for Single Minimum Optimization Problems. 193 JAIN, M. J., JAIN, R. K. and MOHANTY, R. K., The Numerical Solution of the Two Dimensional Unsteady Navier-Stokes Equations Using Fourth Order Difference Method. 125

JAIN, R. K .- see JAIN, M. J.

LI, C .- see Evans, D. J.

MAHMOUD, FATMA, A. M. and SALEEM, MADIHA, A. M., Chebyshev Approximation for Solving the Radon Integral Equation. 67

MOHANTY, R. K .- see JAIN, M. J.

ONUMANYI, P.-see TAIWO, O. A.

PASSI, K .- see CHAWLA, M. M.

SALAMON, PETER-see HOFFMANN, KARL, HEINZ

SALEEM, MADIHA, A. M.—see MAHMOUD, FATMA, A. M.

SIMOS, T. E., A Two-Step Method with Phase-Lag of Order Infinity for the Numerical Integration of Second Order Periodic Initial-Value Problem. 135

TAIWO, O. A. and ONUMANYI, P., A Collocation Approximation of Singularly Perturbed Second Order Differential Equation. 205

UZELAC, ZORICA—see VRCELJ, VESNA

VRCELI, VESNA, ADZIC, NEVENKA and UZELAC, ZORICA, A Numerical-Asymptotic Solution for Singular Perturbation Problems. 225

Wong, Yau Shu-see Xingzhi Ji

XINGZHI, JI and WONG, YAU SHU, Prüfer Method for Periodic and Semi-Periodic Sturm-Liouville Eigenvalue Problems. 109

Addendum et Errata. 245



